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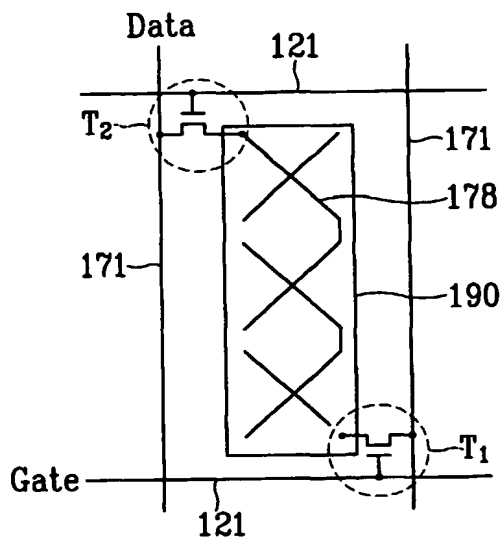
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For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: LIQUID CRYSTAL DISPLAY AND THIN FILM TRANSISTOR ARRAY PANEL THEREFOR



(57) Abstract: A thin film transistor array panel is provided, which in-  
cludes: an insulating substrate (110); a plurality of control lines (121)  
provided on the substrate and including first and second control lines; a  
plurality of data lines (171) provided on the substrate and including first  
and second data lines; a pixel electrode (190) provided on the substrate  
and having a cutout (191); a field control electrode (178) provided on  
the substrate and overlapping the cutout; a first switching element for  
applying a first signal from the first data line to the pixel electrode in  
response to a first control signal from the first control line; and a second  
switching element (2) for controlling a second signal to be applied to the  
field control electrode (178).

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## CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup>: G02F 1/1362, 1/1368

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6335771 B1 (HIRAISHI) 1 January 2002 (01.01.02) <i>column 8, line 38 - column 10, line 24; column 17, line 45 - column 22, line 13; fig. 1,3,16,17.</i>	1,13,19,26
A	US 6078367 A (SATO) 20 June 2000 (20.06.00) <i>column 5, line 25 - column 8, line 10; fig. 1-7.</i>	1,8,9,12,13,19,26
A	US 6335776 B1 (KIM et al.) 1 January 2002 (01.01.02) <i>column 1, lines 8-67; column 4, line 30 - column 6, line 9; fig. 2A-3B.</i>	1,9,12,13,19,26
A	US 2001/0024244 A1 (SON) 27 September 2001 (27.09.01) <i>abstract; fig. 6-9.</i>	1,8,10,13,19,26

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

„A“ document defining the general state of the art which is not considered to be of particular relevance

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report			Publication date	Patent family member(s)			Publication date
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